

Amendments to the claims

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of claims:

1) (Currently amended) Pressing iron having a sole plate (1) provided with steam outlet holes, and a heating body (2) provided with a heating element (201), the heating body (2) comprising a first steam chamber (210) used for ordinary ironing and a second steam chamber (220 ; 230) used to obtain a surplus of steam when the iron is in the horizontal position or a jet of steam when the iron is in the vertical position, said second steam chamber (220 ; 230) being fed with liquid by means of a manual pump actuated by the user and being associated with a steam circuit (223) ending in a set of steam openings in the sole plate, characterized in that, said second steam chamber is bounded by walls that prevent any liquid from flowing from said second steam chamber to said steam outlet holes when said iron is in the vertical position, and in that, when the iron is held vertically, the second steam chamber (220 ; 230) functions as a steam generator of the boiler type and in that, in this vertical position of the iron, the second steam chamber (220 ; 230) presents a form adapted to retain the liquid injected by the pump before its conversion into steam, the form of the second steam chamber (220 ; 230) being

such that the heat exchange surface between the injected liquid and the walls (3, 221, 222; 3, 231) of said second steam chamber (220 ; 230) is smaller when the iron is in the vertical position than when the iron is in the horizontal position.

2) (Original) Pressing iron according to claim 1, characterized in that the second steam chamber (230) is delimited by at least one wall (231) whose form and thickness are such that, in operation, the thermal energy stored in the wall (231) is greater toward the front of the sole plate (1) than toward the rear of the sole plate (1).

3) (Original) Pressing iron according to claim 2, characterized in that the thickness of the lower wall (231) of the second steam chamber (230) is greater toward the front of sole plate than toward the rear of the sole plate.

4) (Previously presented) Pressing iron according to claim 1, characterized in that the second steam chamber (230) has a side wall (232) near to the heating element (201) that is at least locally isolated from the heating body (2) by a layer of air.

5) (Previously presented) Pressing iron according to claim 1, characterized in that the second steam chamber (220 ; 230) is delimited by side walls (222; 232) connected to lower (221; 231) and upper (3) walls disposed parallel to the sole plate (1), and in that the side wall(222; 232) nearest to the front of the iron has an opening (224) connecting the second steam chamber (220 ; 230) to the steam circuit (223).

6) (Original) Pressing iron according to claim 5, characterized in that said opening (224) has a passage cross section calibrated to retard the steam flow leaving the second steam chamber (220).

7) (Original) Pressing iron according to claim 6, characterized in that said opening (224) has an added element (225) of plastic material or rubber that determines said passage cross section.

8) (Original) Pressing iron according to claim 7, characterized in that said added element (225) has a cylindrical part (225a) extending toward the interior of the steam chamber (220).

9) (Previously presented) Pressing iron according to claim 1, characterized in that the temperature of the walls of the second steam chamber (220; 230) is lower than 150°C.

10) (Previously presented) Pressing iron according to claim 1, characterized in that the volume of the second steam chamber 220; 230) corresponds to several times the volume of liquid injected by the pump with each actuation by the user.

11) (Previously presented) Pressing iron according to claim 1, characterized in that the second steam chamber (220; 230) has a lower wall, disposed parallel to the sole plate (1), having projecting elements (221a; 231c) increasing the heat exchange surface with the liquid injected into said chamber when the iron rests horizontally on its sole plate.

12) (Previously presented) Pressing iron according to claim 1, characterized in that the volume of the second steam chamber (220; 230) is about 5 ml and the volume of liquid injected by the pump at each actuation is about 1 ml.

13) (New) Pressing iron according to claim 1,
further comprising a nozzle in one of said walls bounding said
second steam chamber for conducting steam from said second
steam chamber to said steam circuit.